

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health

William A. Hinton State Laboratory Institute 305 South Street, Jamaica Plain, MA 02130

Andrius Knasas, ADA

Suffolk County District Attorney's Office By e-mail

March 19, 2012

Re: Comm. v.

State Lab nos.

ADA Knasas,

Please find below the discovery package for the case noted above. The material is collated in the following manner:

- 1) the Evidence Office receipt to the Boston Police
- 2) the inventory control cards
- 3) the Drug Powder Analysis Forms
- 4) the gas chromatography/mass test for
- 5) the gas chromatography/mass spectrometry (gc/ms) data

I was the custodial chemist responsible for the chain of custody, weights and the preliminary analysis of the exhibit. Kate Corbett operated the gc/ms for the confirmatory analysis.

If you need further clarification of this material, call me directly at (617) 983-6627.

≨incerely

Michael Lawler Senior Chemist

Cc: Kate Corbett

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DRUG	REC	EIP.	r						

DRUG RECEIPT District/Unit	PAGE # DESTR	uction#		215
DEFENDANT'S NAME	ADDRE		OITY Doublete	STATE MA
DESCRIPTION OF ITEMS SUBMITT Heroin Linde Many value		GROSS QUANTITY II PB ~ I PB	LABUS GROSS WEIGHT 5,72 7,72 117,08	E ONLY ANALYSIS NUMBER

To be completed by ECU personnel only Name and Rank of Submitting Officer Received by _ ECU Control # BPD Form 0038-BIS-0907 (prev. 1753)

No				Date Anal	yzed:	1/12
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Date Rec'o	: 10/04/201	1 ,		No. Ana	alyzed: 2	
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Prelim:

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PHYSICAL DESCRIPTION: Gross Wt (): Gross Wt (): Charler 3 mb in pbs. Coross Wt (): Pkg. Wt: And the standard program of	SAMPLE#	_ AGENCY B GOT	ZNANALYST	M
Cobalt Thiocyanate Description of Parlin Par	No. of samples tested:	_	Evidence Wt.	5.72
The fear sub in pss Net Wt: 0, 176 18 The time of each gray 20g 19, 2998 1 1 20g 19, 20g 19, 20g 19 20g	PHYSICAL DESCRIPTION:		Gross Wt():	
The fear sub in pss Net Wt: 0, 176 18 The time of each gray 20g 19, 2998 1 1 20g 19, 20g 19, 20g 19 20g	9 beice colored so	burphs.	Gross Wt();	
THE STATE OF EACH Grown THE 20g = 9.2918 Not Dange 0.0664 1 10g = 10.00016 Jacks 0.1103g 2 5g = 5.00006 Jacks 0.1103g 2 5g = 5.00006 PRELIMINARY TESTS Soot Tests Cobalt #1 blise #2 du-(cer Gold Chloride Marquis	1.	٧ /		0 17/7
buge 0.06642 1 1 = 10.00016 July 10.11033 2 5 = 5.00005 July 10.1103 2 5 = 5.00005 July 10.1103 2 5 = 1.00005 July 10.1103 2 5 = 5.00005 July 10.1103 5 = 5.00005 Ju	0			
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Cobalt Thiocyanate () Chloride Gold Chloride Marquis HI PLE Gold Chloride Marquis HI PLE Gold Chloride Marquis HI PLE Gold Chloride TLTA () Froehde's Appl Dalway OTHER TESTS Mecke's - Pyrum Dalway OTHER				
Thiocyanate () Chloride Marquis	# 1 blise	#2 dw/cer		
PRELIMINARY TEST RESULTS RESULTS DATE Mecke's A PRIMARY TEST RESULTS RESULTS A PROTECTION OF THE TESTS OTHER TESTS O	Thiocyanate ()		·	
PRELIMINARY TEST RESULTS RESULTS DATE Mecke's - Pywar O'S lower given GC/MS CONFIRMATORY TEST RESULTS QYO'N MS V AIV		\$ 17		
PRELIMINARY TEST RESULTS RESULTS DATE MS PRELIMINARY TEST RESULTS GC/MS CONFIRMATORY TEST RESULTS A DYCLY MS V A(V)		A(y) , LA		<u> </u>
RESULTS RESULTS ADVOID MS V ATV	+		gc Phero	Into
RESULTS RESULTS ADVOID MS V ATV			<u> </u>	
RESULTS NOVOLV RESULTS NOVOLV MS V ATT	PRELIMINARY TEST RESULTS	·	CIMS CONFIDENTORY TECT	· · · · · · · · · · · · · · · · · · ·
DATE MS VA(V)	00 00		<i>i</i> .	
OPERATOR TYPO	DATE		MS VATE	
DATE LI		OPE:	11/1/12	

DRUG POWDER ANALYSIS FORM

	Boston	Ma-
No. of samples tested:	AGENCY	Evidence Wt. 1,725
PHYSICAL DESCRIPTION: 21 pb with sub	ortone	Gross Wt (): 3,738
		Pkg. Wt: 2,459[
		$ \begin{array}{r} $
Cobalt Thiocyanate () Marquis Froehde's Mecke's	Ì	Gold A A B A B A B A B A B A B A B A B A B
PRELIMINARY TEST RESULTS RESULTS (UCM) DATE 2-6-72	RESU OPERAT	MS MAR

samples tested:

	C		0+0	Weight	Net Welght	#	Gross Weight	Packet Weight	Net Welght
			1.12+	'	0.0922	26			
z			78+ 112+		0,1279	27			
] = [E	1.5±		0,1312	28			
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		0		<u> </u>		32			
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11	<u> </u>	•				36			
12			,			37			
13						38			
14				<u>.</u>		39		, [
15	<u> </u>					40			
16					1	41	·		
17				·	·	42			<u> </u>
18		.				43			
19	<u> </u>		141			44			-
20	·			· '		45			
21 4		-	-			46	+		
22	-			-		47			-
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24						49			
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2-14-12

DRU	G-	P0	WD	ER	AN,	YSK	} =	OR.	M

SAMPLE# AGE	NCY BESTER DIN ANALYST MY
No. of samples tested:	Evidence Wt. 117.08
PHYSICAL DESCRIPTION: One perhaps of V.M. V.M. Wubbebyse Clear Sandwich b Maro Miser My P) My Wy M	AND 5232964 2-6-12
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ()
Froehde's	OTHER TESTS
Mecke's	•
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS	RESULTS
DATE	MS OPERATOR
	DATE

Sequence: C:\CHEM32\1\SEQUENCE\DEFAULT.S

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType InjVolume
====	====	=======================================			
1	Vial 1	BLANK	ROUTINE	1	Sample
2	Vial 2	HEROIN STD	ROUTINE	1	Sample
3	Vial 3	BLANK	ROUTINE	1	Sample
4	Vial 4		ROUTINE	1	Sample
5	Vial 5	BLANK	ROUTINE	1	Sample
6	Vial 6		ROUTINE	1 .	Sample
7	Vial 7	BLANK	ROUTINE	1	Sample

Sequence Table (Back Injector):

No entries - empty table!

3/19/12pm

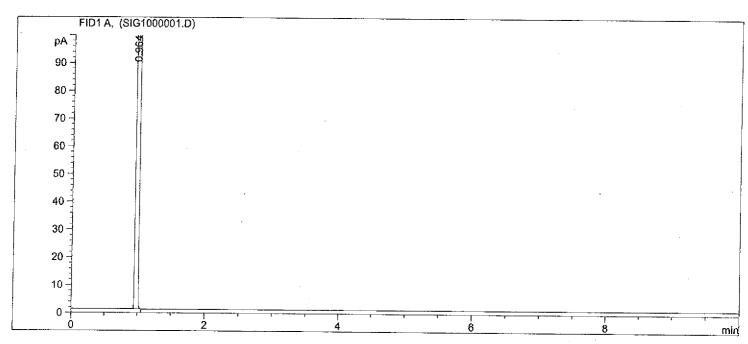
Data File C:\CHEM32\1\DATA\SIG1000001.D

Sample Name: BLANK

Acq. Operator : Seq. Line : 1
Acq. Instrument : DrugLab GC #1 Location : Vial 1
Injection Date : 2/6/2012 5:19:13 PM Inj : 1

Inj Volume : 1 μ1

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed : 12/16/2010 11:45:09 AM by ASD



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Totals: 1.84853e4 9451.97461

Data File C:\CHEM32\1\DATA\SIG1000002.D

Sample Name: HEROIN STD

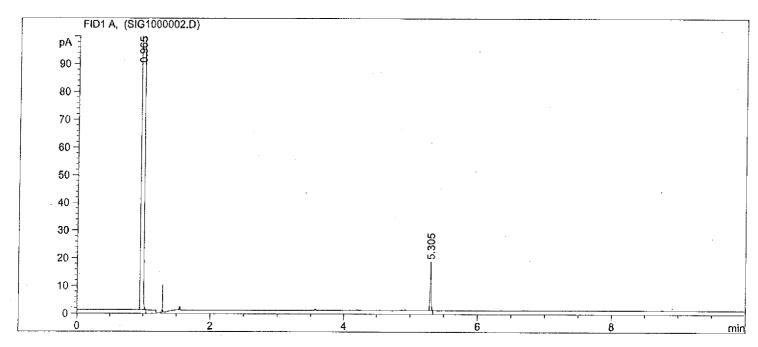
Acq. Operator : Seq. Line : 2
Acq. Instrument : DrugLab GC #1 Location : Vial 2
Injection Date : 2/6/2012 5:32:22 PM Inj : 1

Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method : C:\CHEM32\1\METHODS\ROUTINE.M

Last changed : 12/16/2010 11:45:09 AM by ASD



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak	${\tt RetTime}$	Sig	Type	Area	Height	Area
#	[min]			^[pA*s]	[pA]	og .
1	0.965	1	BB S	2.60396e4	1.66651e4	99.93160
2	5.305	1	BB	17.82307	17.30166	0.06840

Totals: 2.60574e4 1.66824e4

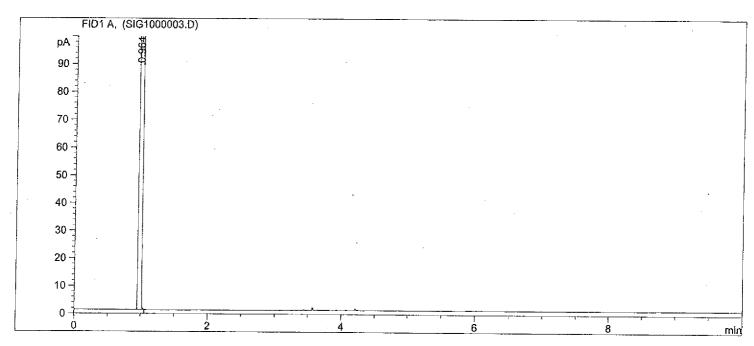
Data File C:\CHEM32\1\DATA\SIG1000003.D

Sample Name: BLANK

Acq. Operator : Seq. Line : 3
Acq. Instrument : DrugLab GC #1 Location : Vial 3
Injection Date : 2/6/2012 5:45:34 PM Inj : 1

Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed : 12/16/2010 11:45:09 AM by ASD



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

. Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

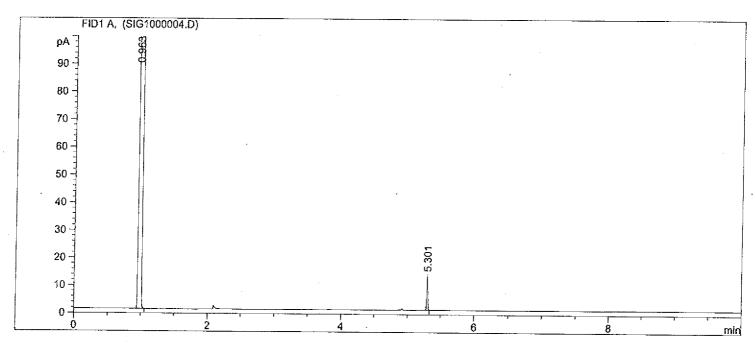
Totals: 1.80088e4 8880.54688

Sample Name:

Acq. Operator : Seq. Line : 4
Acq. Instrument : DrugLab GC #1 Location : Vial 4
Injection Date : 2/6/2012 5:58:46 PM Inj : 1

Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed : 12/16/2010 11:45:09 AM by ASD



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

	RetTime [min]	_	Туре		Height -[pA]	Area ۶
1	0.963	1	BB S	1.89999e4	9935.02930	99.93048
2	5.301	1	BB	13.21791	12.82901	0.06952

Totals: 1.90131e4 9947.85830

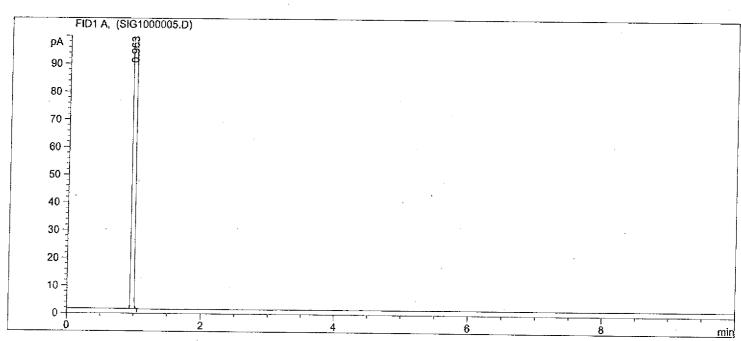
Data File C:\CHEM32\1\DATA\SIG1000005.D

Sample Name: BLANK

Acq. Operator Seq. Line: 5 Acq. Instrument : DrugLab GC #1 Location : Vial 5 Injection Date : 2/6/2012 6:12:01 PM Inj: 1

Inj Volume : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S Method : C:\CHEM32\1\METHODS\ROUTINE.M Last changed : 12/16/2010 11:45:09 AM by ASD



Area Percent Report

Sorted By Retention Time . Multiplier: : 1.0000

Dilution: 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type Area Height Area [pA*s] [pA] -1 0.963 1 BB S 1.96095e4 1.09944e4 1.000e2

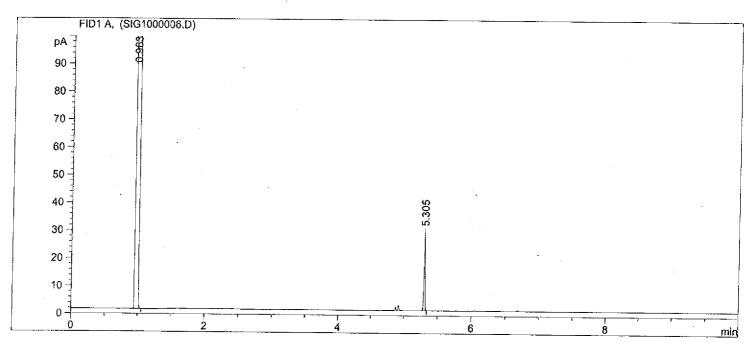
Totals : 1.96095e4 1.09944e4

Sample Name:

Acq. Operator : Seq. Line : 6
Acq. Instrument : DrugLab GC #1 Location : Vial 6
Injection Date : 2/6/2012 6:25:15 PM Inj : 1

Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed : 12/16/2010 11:45:09 AM by ASD



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000

Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

- #		. •		[pA*s]	Height [pA]	Area . %
						
				2.02461e4		
2	5.305	1	BB	32.05217	29.40373	0.15806

Totals: 2.02782e4 1.07015e4

Data File C:\CHEM32\1\DATA\SIG1000007.D

Sample Name: BLANK

Acq. Operator Acq. Instrument : DrugLab GC #1

Seq. Line: 7 Location : Vial 7

Injection Date : 2/6/2012 6:38:25 PM

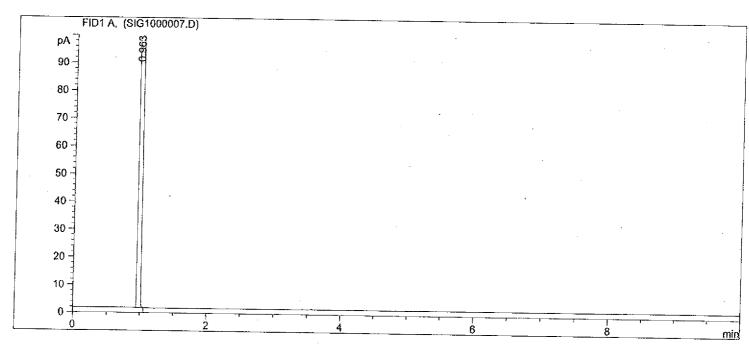
Inj : 1 Inj Volume : 1 µl

Method

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S : C:\CHEM32\1\METHODS\ROUTINE.M

Last changed

: 12/16/2010 11:45:09 AM by ASD



Area Percent Report

Sorted By Retention Time Multiplier: : 1,0000

Dilution:

1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type Area Height Area [pA*s] [pA] ----|-----|----|-----| 1 0.963 1 BB S 2.05235e4 1.07207e4 1.000e2

Totals :

2.05235e4 1.07207e4

Sequence: C:\CHEM32\1\SEQUENCE\DEFAULT.S

V3/19/12/M

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType InjVolume
====		######################################	=======================================	======	
1	Vial 1	BLANK	ROUTINE	1	Sample
2	Vial 2	THC STD	ROUTINE	1	Sample
3	Vial 3	BLANK	ROUTINE	1.	Sample
4	Vial 4		ROUTINE	1	Sample
5	Vial 5	BLANK	ROUTINE	1	Sample

Sequence Table (Back Injector):

No entries - empty table!

Data File C:\CHEM32\1\DATA\SIG1000001.D

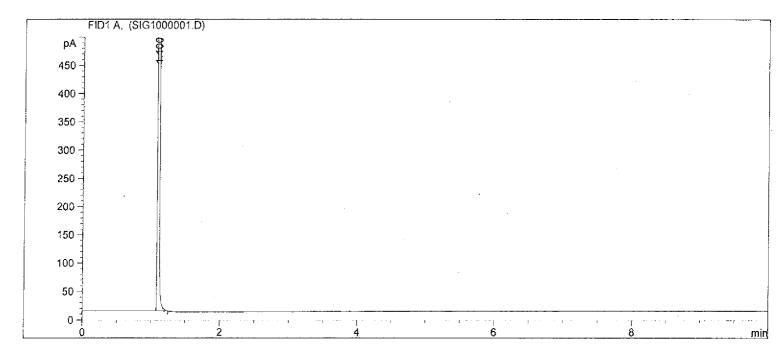
Sample Name: BLANK

Acq. Operator : Seq. Line : 1
Acq. Instrument : Drug Lab GC#3 Location : Vial 1
Injection Date : 2/13/2012 12:08:57 PM Inj : 1

Inj Volume : 1 μl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M

Last changed : 8/3/2010 11:50:36 AM



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Totals: 6.96655e4 7.83385e4

Data File C:\CHEM32\1\DATA\SIG1000002.D

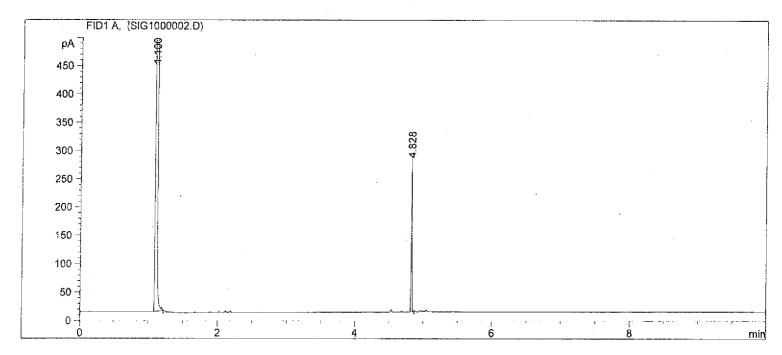
Sample Name: THC STD

Acq. Operator : Seq. Line : 2
Acq. Instrument : Drug Lab GC#3 Location : Vial 2
Injection Date : 2/13/2012 12:22:18 PM Inj : 1

Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M

Last changed : 8/3/2010 11:50:36 AM



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak	RetTime	Sig	Туре	Area	Height	Area -
#	[min]			[pA*s]	[pA]	બુ
1	1.100	1	BB S	6.62503e4	7.45632 e 4	99.67042
2	4.828	1	BB	219.06891	266.36420	0.32958

Totals: 6.64693e4 7.48296e4

Data File C:\CHEM32\1\DATA\SIG1000003.D

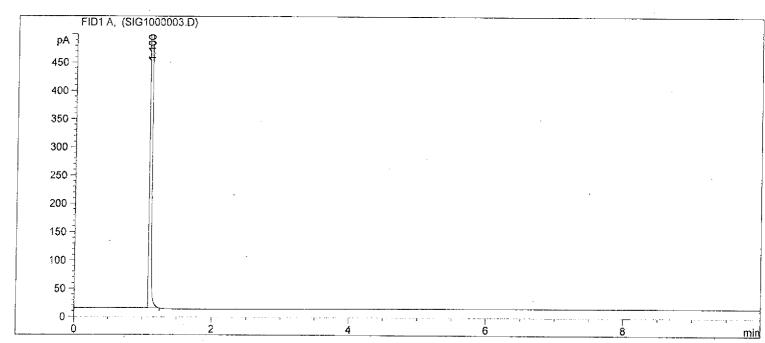
Sample Name: BLANK

Acq. Operator : Seq. Line : 3
Acq. Instrument : Drug Lab GC#3 Location : Vial 3
Injection Date : 2/13/2012 12:35:43 PM Inj : 1

Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M

Last changed : 8/3/2010 11:50:36 AM



Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

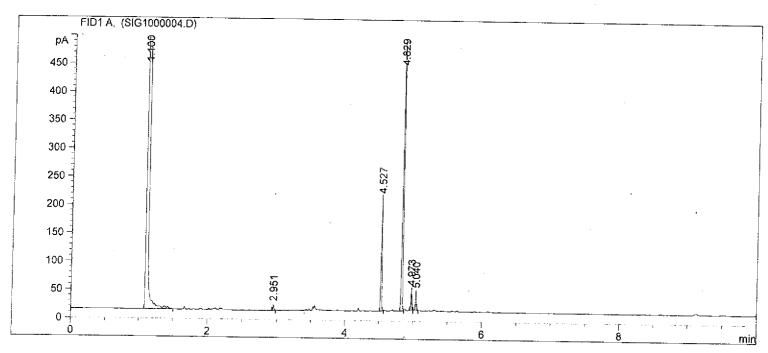
Totals: 7.18360e4 7.28603e4

Sample Name:

Acq. Operator : Seq. Line : 4
Acq. Instrument : Drug Lab GC#3 Location : Vial 4
Injection Date : 2/13/2012 12:49:05 PM Inj : 1

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S Method : C:\CHEM32\1\METHODS\ROUTINE.M

Last changed : 8/3/2010 11:50:36 AM



Area Percent Report

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Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Ħ	RetTime [min]	Sig		[pA*s]	Height [pA]	Area %
1	1.100	1	BB S	7.04616e4	7.08493 e 4	98.90253
2	2.951	1	BB	11.17837	11.31789	0.01569
. 3	4.527	1	BB	183.01863	202.46172	0.25689
4	4.829	1	BV	512.67841	553.64227	0.71961
5	4.973	1	BV	38.68300	38.74695	0.05430
6	5.040	1	VB	36.31531	34.65957	0.05097

Totals: 7.12435e4 7.16902e4

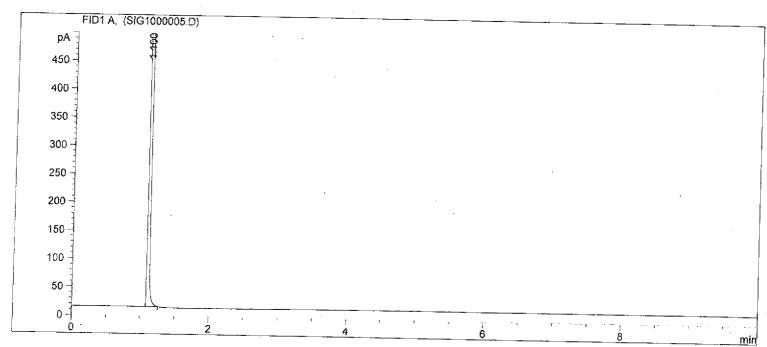
Sample Name: BLANK

Acq. Operator : Seq. Line : 5
Acq. Instrument : Drug Lab GC#3 Location : Vial 5
Injection Date : 2/13/2012 1:02:28 PM Inj : 1

Inj : 1 Inj Volume : 1 µl

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\ROUTINE.M

Last changed : 8/3/2010 11:50:36 AM



Area Percent Report

Sorted By : Retention Time

Multiplier: : 1.0000 Dilution: : 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Totals: 7.28715e4 7.14235e4

Area Percent / Library Search Report

VKAC 3/14/12

Information from Data File:

File Name : F:\SYSTEM8\02_15_12\817104.D

Operator : KAC

Date Acquired : 15 Feb 2012 15:16

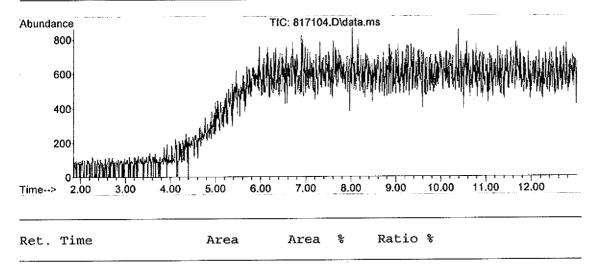
Sample Name : BLANK

Submitted by

Vial Number :

_

AcquisitionMeth: DRUGS.M Integrator : RTE



NO INTEGRATED PEAKS

File Name : F:\SYSTEM8\02_15_12\817105.D

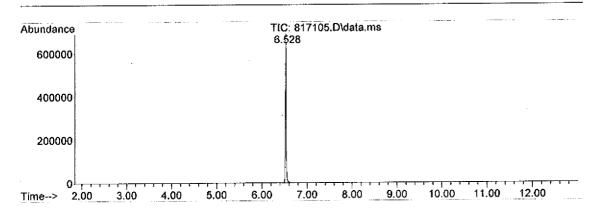
Operator : KAC

Date Acquired : 15 Feb 2012 15:32

Sample Name : HEROIN STD

Submitted by

Vial Number : 5 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.528	862387	100.00	100.00

: F:\SYSTEM8\02_15_12\817105.D File Name

Operator : KAC

: 15 Feb 2012 15:32 Date Acquired

: HEROIN STD Sample Name

Submitted by

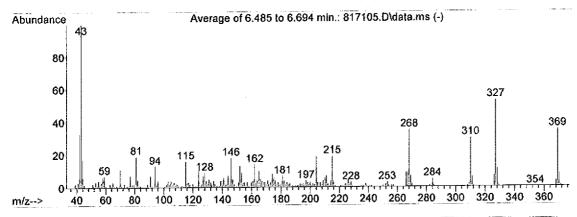
Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

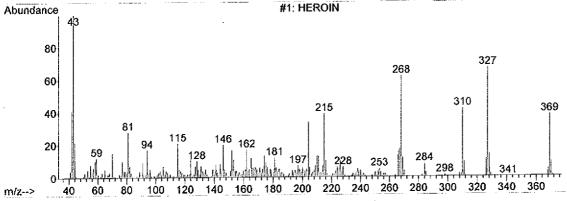
Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qua1
1	6.53	C:\Database\SLI.L HEROIN	000561-27-3	99



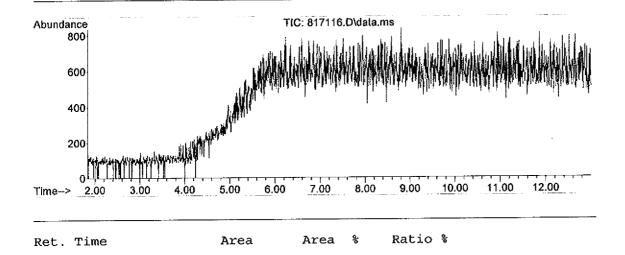


File Name : F:\SYSTEM8\02_15_12\817116.D

Operator : KAC

Date Acquired : 15 Feb 2012 18:29

Sample Name : BLANK
Submitted by : MGL
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



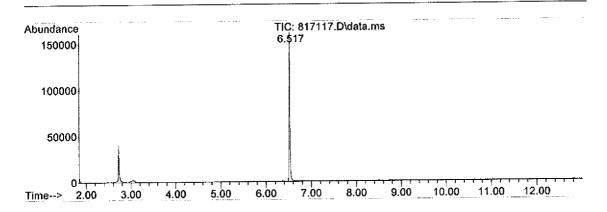
NO INTEGRATED PEAKS

File Name : F:\SYSTEM8\02_15_12\817117.D

Operator : KAC

Date Acquired : 15 Feb 2012 18:45

Sample Name :
Submitted by : MGL
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.517	199796	100.00	100.00

: F:\SYSTEM8\02_15_12\817117.D File Name

: KAC Operator

: 15 Feb 2012 18:45 Date Acquired

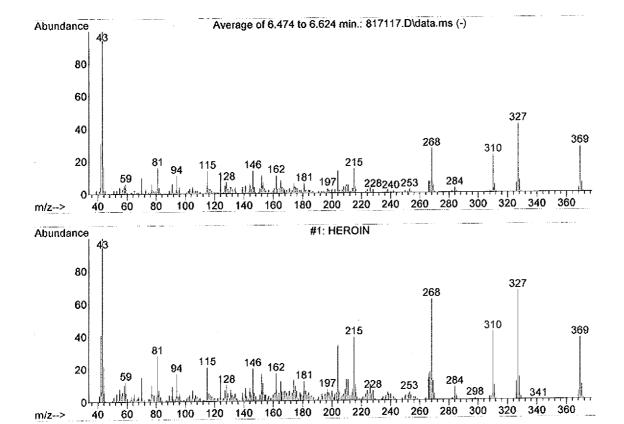
Sample Name Submitted by Vial Number 17 AcquisitionMeth: DRUGS.M : RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.52	C:\Database\SLI.L HEROIN	000561-27-3	83



File Name : F:\SYSTEM8\02_15_12\817118.D

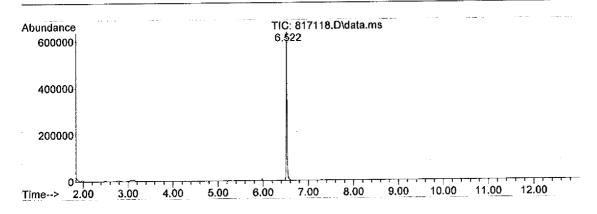
Operator : KAC

Date Acquired : 15 Feb 2012 19:01

Sample Name :

Submitted by : MGL
Vial Number : 18
AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.522	809602	100.00	100.00

File Name : F:\SYSTEM8\02_15_12\817118.D

Operator : KAC

Date Acquired : 15 Feb 2012 19:01

Sample Name : MGL Submitted by : MGL Vial Number : 18

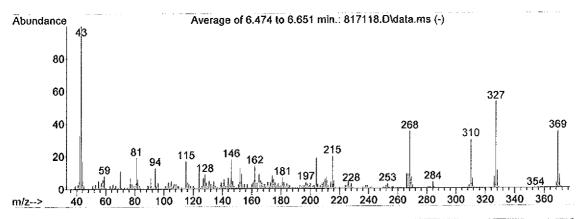
AcquisitionMeth: DRUGS.M Integrator : RTE

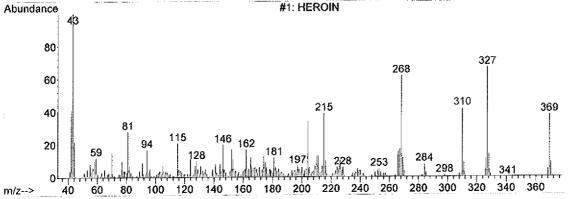
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80

C:\Database\NIST08.L
C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

1 6.52 C:\Database\SLI.L
HEROIN 000561-27-3 99





File Name : F:\SYSTEM8\02_15_12\817122.D

Operator : KAC

Date Acquired : 15 Feb 2012 20:04

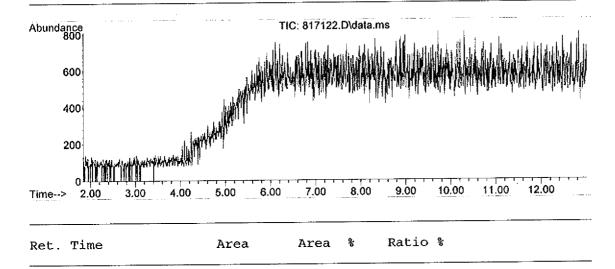
Sample Name : BLANK

Submitted by

Vial Number : 1

AcquisitionMeth: DRUGS.M

Integrator : RTE



NO INTEGRATED PEAKS

: F:\SYSTEM8\02_15_12\817123.D File Name

: KAC Operator

Date Acquired : 15 Feb 2012 20:20

Sample Name

: HEROIN STD

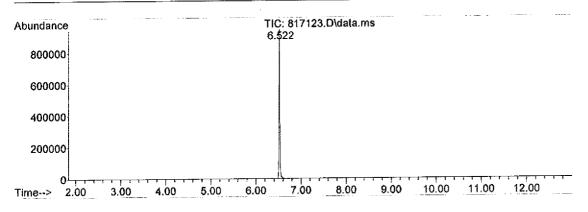
Submitted by

Vial Number

23

AcquisitionMeth: DRUGS.M

: RTE Integrator



Ret. Time	Area	Area %	Ratio %
6.522	1143345	100.00	100.00

: F:\SYSTEM8\02_15_12\817123.D File Name

Operator : KAC

: 15 Feb 2012 20:20 Date Acquired

: HEROIN STD Sample Name

Submitted by

23 Vial Number : AcquisitionMeth: DRUGS.M

: RTE Integrator

Search Libraries: C:\Database\SLI.L

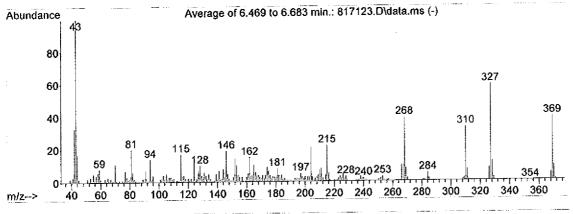
C:\Database\NIST08.L

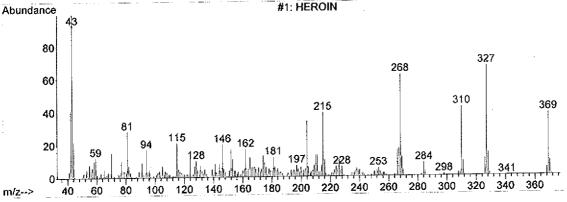
C:\Database\PMW_TOX2.L

Minimum Quality: 80

Minimum Quality: 80

CAS# Qual Library/ID PK# RTC:\Database\SLI.L 1 6.52 99 000561-27-3 HEROIN





: F:\SYSTEM8\02_15_12\817158.D File Name

: KAC Operator

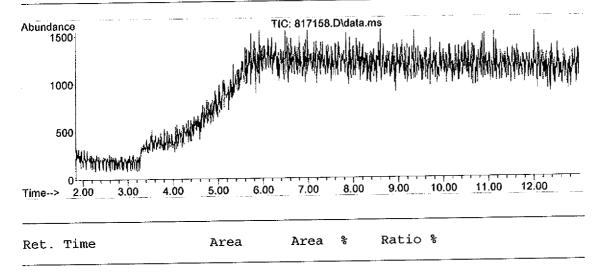
5:19 Date Acquired : 16 Feb 2012

Sample Name : BLANK

Submitted by

2 Vial Number AcquisitionMeth: DRUGS.M

: RTE Integrator



NO INTEGRATED PEAKS

File Name : F:\SYSTEM8\02_15_12\817159.D

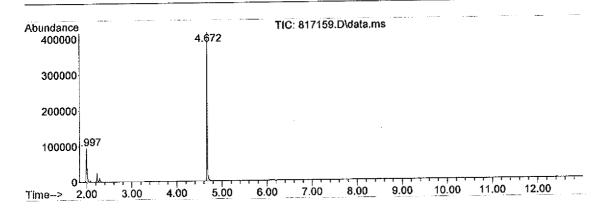
Operator : KAC

Date Acquired : 16 Feb 2012 5:35

Sample Name : COCAINE STD

Submitted by

Vial Number : 59 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.997 4.672		25.32 74.68	33.90 100.00	

: F:\SYSTEM8\02_15_12\817159.D File Name

KAC Operator

5:35 Date Acquired 16 Feb 2012

Sample Name COCAINE STD

Submitted by

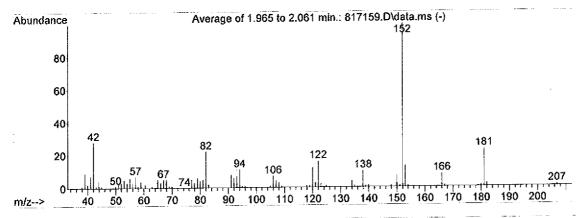
59 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

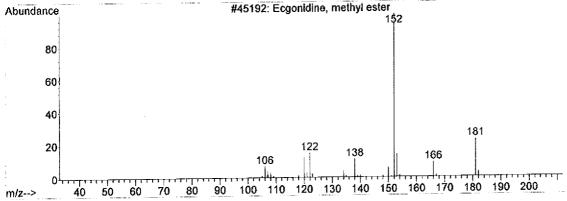
Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
 1	2.00	C:\Database\NIST08.L Ecgonidine, methyl ester 2-Carbomethoxy-8-methyl-8-azabicycl 5-Methyl-2-nitroaniline	127379-24-2 043021-26-7 000578-46-1	98 93 43





File Name : F:\SYSTEM8\02_15_12\817159.D

Operator : KAC

Date Acquired : 16 Feb 2012 5:35

Sample Name : COCAINE STD

Submitted by

Vial Number : 59 AcquisitionMeth: DRUGS.M Integrator : RTE

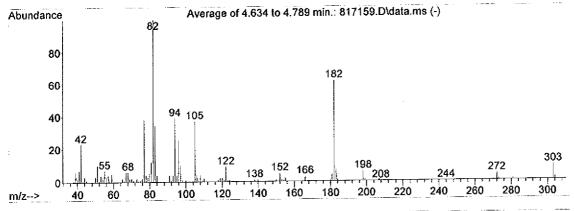
Search Libraries: C:\Database\SLI.L Minimu

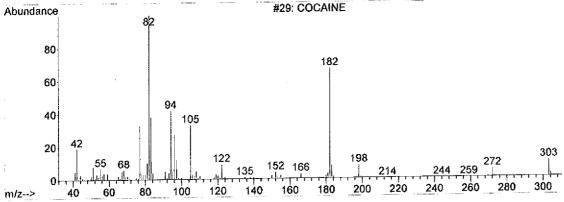
C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

Minimum Quality: 80 Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	4.67	C:\Database\SLI.L COCAINE	000050-36-2	99



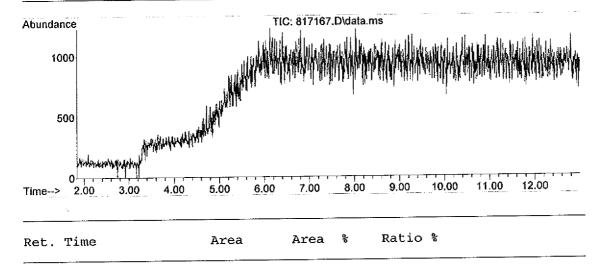


File Name : F:\SYSTEM8\02_15_12\817167.D

Operator : KAC

Date Acquired : 16 Feb 2012 7:40

Sample Name : BLANK
Submitted by : MGL
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



NO INTEGRATED PEAKS

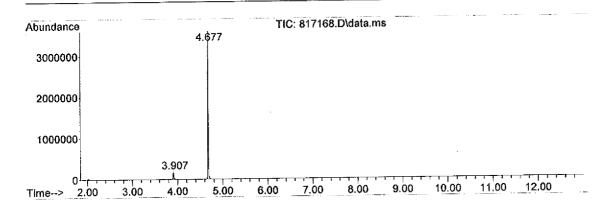
File Name : F:\SYSTEM8\02_15_12\817168.D

Operator : KAC

Date Acquired : 16 Feb 2012 7:56

Sample Name :

Submitted by : MGL
Vial Number : 68
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.907	235466	6.98	7.51	
4.677	3136299	93.02	100.00	

: F:\SYSTEM8\02_15_12\817168.D File Name

: KAC Operator

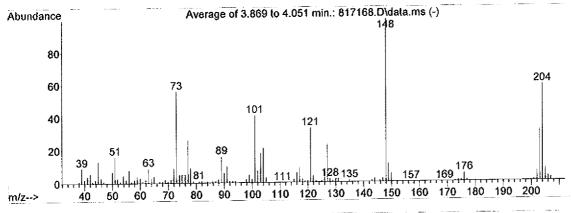
7:56 Date Acquired 16 Feb 2012

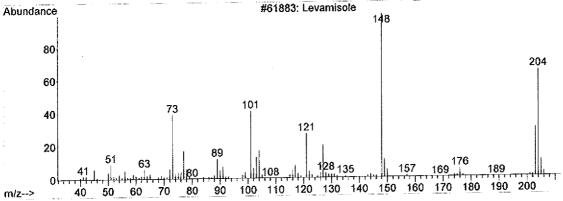
Sample Name Submitted by : MGL 68 Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
1	3.91	C:\Database\NIST08.L Levamisole Levamisole Imidazo[2,1-b]thiazole,	006649-23-6 006649-23-6 014769-73-4	98 98 98





File Name : F:\SYSTEM8\02_15_12\817168.D

Operator : KAC

Date Acquired : 16 Feb 2012 7:56

Sample Name : Submitted by : MGL Vial Number : 68

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C

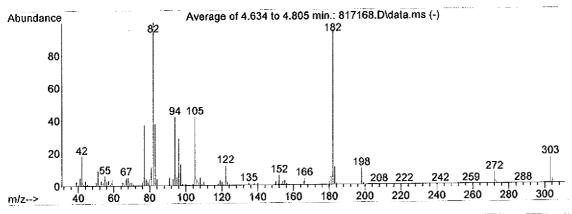
C:\Database\SLI.L

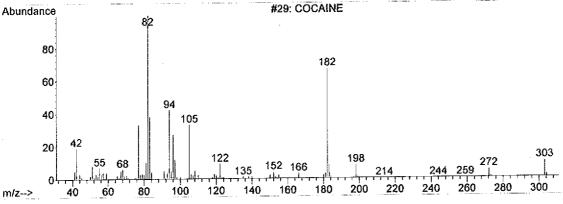
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	4.68	C:\Database\SLI.L	000050-36-2	99





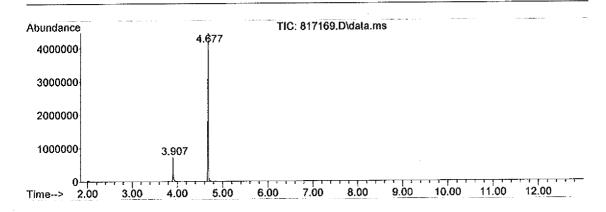
: F:\SYSTEM8\02_15_12\817169.D File Name

: KAC Operator

8:12 Date Acquired : 16 Feb 2012

Sample Name

: MGL Submitted by Vial Number : 69 AcquisitionMeth: DRUGS.M : RTE Integrator



Ret. Time	Area	Area %	Ratio %	
3.907 4.677		15.28 84.72		

: F:\SYSTEM8\02_15_12\817169.D File Name

: KAC Operator

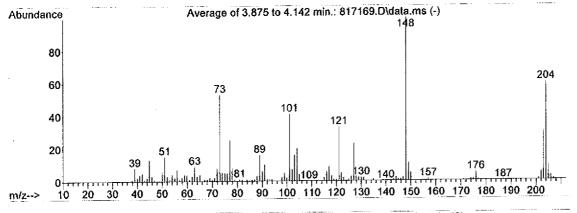
: 16 Feb 2012 8:12 Date Acquired

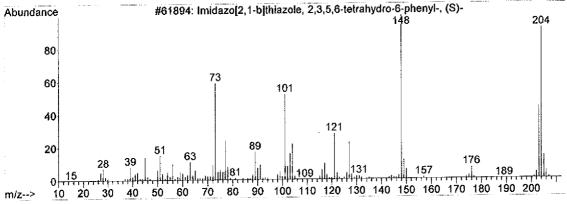
Sample Name Submitted by : MGL 69 Vial Number : AcquisitionMeth: DRUGS.M Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT	Library/ID		CAS#	Qual
1	3.91	C:\Database\NIST08.L Imidazo[2,1-b]thiazole, Levamisole Levamisole	2,3,5,6-tet	014769-73-4 006649-23-6 006649-23-6	99 98 98





: F:\SYSTEM8\02_15_12\817169.D File Name

: KAC Operator

16 Feb 2012 8:12 Date Acquired

Sample Name Submitted by : MGL Vial Number 69 AcquisitionMeth: DRUGS.M : RTE Integrator

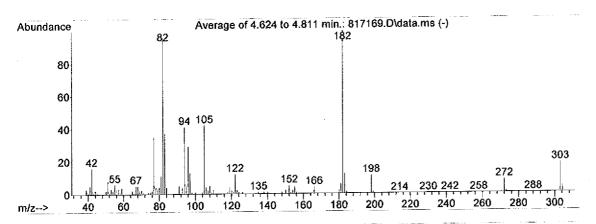
Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 80

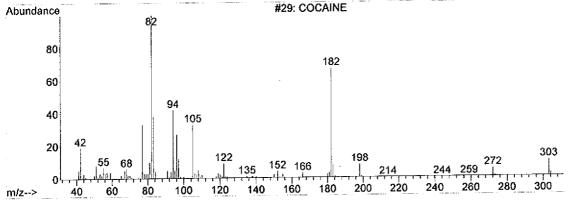
C:\Database\NIST08.L

C:\Database\PMW_TOX2.L

CAS# Qual RT Library/ID PK#

C:\Database\SLI.L 2 4.68 000050-36~2 99 COCAINE





: F:\SYSTEM8\02_15_12\817170.D File Name

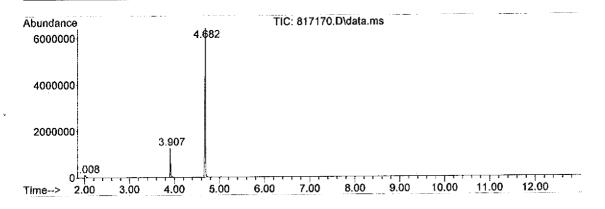
Operator : KAC

8:28

Date Acquired : 16 Feb 2012 Sample Name : Submitted by

: MGL 70

Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator



Ret. Time	Area	Area %	Ratio %	
2.008	266434	2.86	3.41	
3.907	1261212	13.52	16.17	
4.682	7801911	83.63	100.00	

File Name : F:\SYSTEM8\02_15_12\817170.D

Operator : KAC

Date Acquired : 16 Feb 2012 8:28

Sample Name

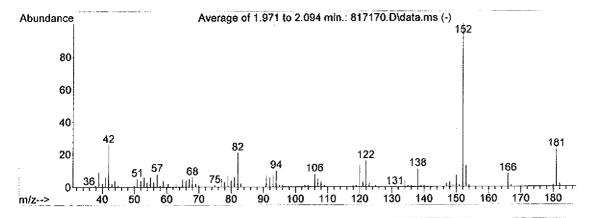
Submitted by : MGL Vial Number : 70 AcquisitionMeth: DRUGS.M Integrator : RTE

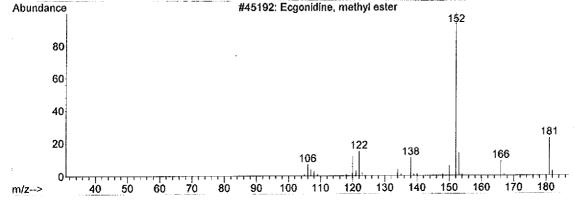
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

PK#	RT Library/ID		CAS#	Qual	
 1	2.01	C:\Database\NIST08.L			
		Ecgonidine, methyl ester	127379-24-2	98	
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	96	
		3,5-Dimethoxyphenethylamine	003213-28-3	46	





File Name : F:\SYSTEM8\02_15_12\817170.D

Operator : KAC

Date Acquired : 16 Feb 2012 8:28

Sample Name : Submitted by : M

Submitted by : MGL
Vial Number : 70
AcquisitionMeth: DRUGS.M
Integrator : RTE

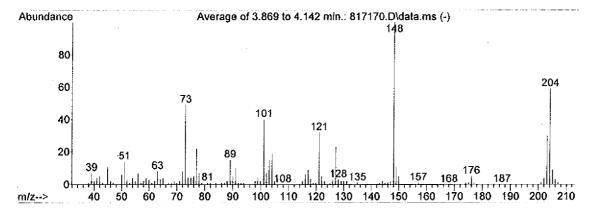
Search Libraries: C:\Database\SLI.L

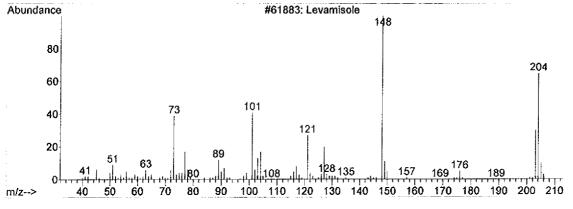
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	3.91	C:\Database\NIST08.L Levamisole Imidazo[2,1-b]thiazole, 2,3,5 Levamisole	006649-23-6 6,6-tet 014769-73-4 006649-23-6	99





File Name : F:\SYSTEM8\02_15 12\817170.D

Operator : KAC

Date Acquired 16 Feb 2012 8:28

Sample Name

Submitted by MGL Vial Number 70 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

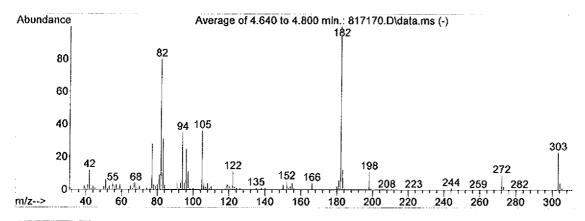
99

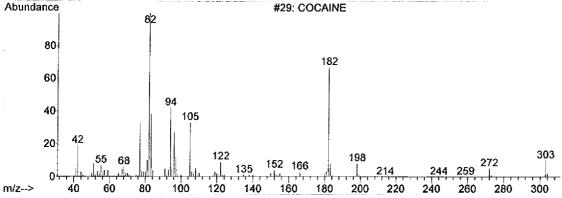
C:\Database\PMW_TOX2.L

PK# RTLibrary/ID CAS# Qual

3 4.68 C:\Database\SLI.L

COCAINE 000050-36-2





File Name : F:\SYSTEM8\02_15_12\817179.D

Operator : KAC

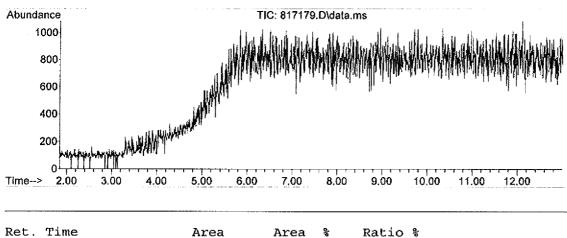
Date Acquired : 16 Feb 2012 10:51

Sample Name : BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



Area

Area %

Ratio %

NO INTEGRATED PEAKS

File Name : F:\SYSTEM8\02_15_12\817180.D

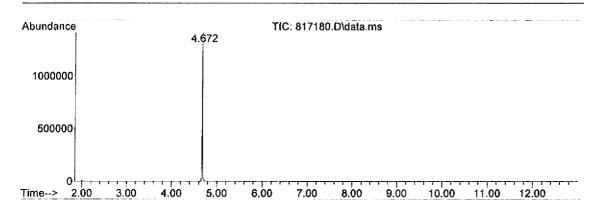
Operator : KAC

Date Acquired : 16 Feb 2012 11:07

Sample Name : COCAINE STD

Submitted by :

Vial Number : 80 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
4.672	1130284	100.00	100.00	

File Name : F:\SYSTEM8\02_15_12\817180.D

Operator : KAC

Date Acquired : 16 Feb 2012 11:07

Sample Name : COCAINE STD

Submitted by :

Vial Number : 80 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

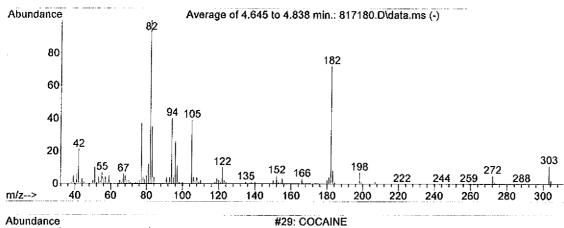
PK# RT Library/ID CAS# Qual

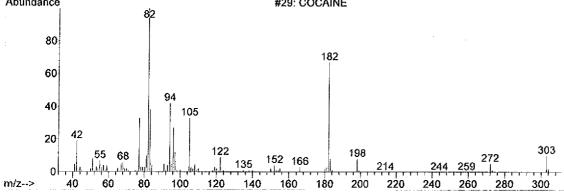
1 4.67 C:\Database\SLI.L

COCAINE

000050-36-2

99





Last page..... ... no further data